

Maze Fluency (Fuchs, Hamlett, & Fuchs, 1990).\*

CBM Maze Fluency is available for students in grades 1-6, but typically teachers use CBM Maze Fluency beginning in Grade 4. Maze Fluency is used to monitor students' overall progress in reading.

CBM Maze Fluency can be administered to a group of students at one time. The examiner presents each student with a maze passage. With CBM Maze, the first sentence in a passage is left intact. Thereafter, every seventh word is replaced with a blank and three possible replacements. Only one replacement is semantically correct. Students have 2.5 minutes to read the passage to themselves and circle the word correct for each blank. The examiner monitors the students during the 2.5 minutes and scores each test later. When the student makes 3 consecutive errors, scoring is discontinued (no subsequent correct replacement is counted). Skipped blanks (with no circles) are counted as errors. The score is the number of correct replacements circled in 2.5 minutes. Thirty alternate forms are available for each grade level.

Administration of CBM Maze Fluency is as follows:

**Examiner: Look at this story.** (Place practice maze on overhead.) **It has some places where you need to choose the correct word. Whenever you come to three words in parentheses and underlined (point), choose the word that belongs in the story. Listen. The story begins, "Jane had to take piano lessons. Her Mom and Dad made her do. Jane (from/did/soda) not like playing the piano."** Which one of the three underlined words (from/did/soda) belongs in the sentence? (Give time for response.) **That's right. The word that belongs in the sentence is did. So, you circle the word did.** (Demonstrate.) Continue through entire practice activity.

**Now you are going to do the same thing by yourself. Whenever you come to three words in parentheses and underlined, circle the word that belongs in the sentence. Choose a word even if you're not sure of the answer. When I tell you to start, pick up your pencil, turn you test over, and begin working. At the end of 2 and a half minutes, I'll tell you to stop working. Remember, do your best. Any questions? Start.** Trigger the timer for 2.5 minutes.

When scoring CBM Maze Fluency, students receive 1 point for each correctly circled answer. Blanks with no circles are counted as errors. Scoring is discontinued if 3 consecutive errors are made. The number of correct answers within 2.5 minutes is the student score.

- \* Fuchs, L.S., Hamlett, C.L., & Fuchs, D. (1990). *Monitoring Basic Skills Progress: Basic Reading* [software]. Austin, TX: Pro-Ed. This software automatically administers and scores the maze and graphs, analyzes, and manages the data.

Vanderbilt University CBM-R Norms									
CBM	Norm:	Gr. K	Gr. 1	Gr. 2	Gr. 3	Gr. 4	Gr. 5	Gr. 6	Gr. 7
LSF	Fall Risk Indicator	0 CSPM	<19 CSPM						
	Spring Risk Indicator	<12 CSPM							
	Typical Growth Rate	1 sound per week	1.2 sounds per week						
	Projected End-of-Year Benchmark	26 CSPM	26 CSPM						
	Fall Risk Indicator		<10 CWPM						
WIF	Spring Risk Indicator								
	Typical Growth Rate		1.8 words per week						
	Projected End-of-Year Benchmark		30 CWPM						
	Fall Risk Indicator		<5 CWPM	<15 CWPM	<50 CWPM	<70 CWPM	<80 CWPM	<90 CWPM	<90 CWPM
	Spring Risk Indicator		<15 CWPM	<50 CWPM	<70 CWPM	<80 CWPM	<90 CWPM	<90 CWPM	<100 CWPM
ORF	Typical Growth Rate		1.75 words per week	1 word per week	0.75 word per week	0.5 word per week	.40 word per week	0.35 word per week	0.30 word per week
	Projected End-of-Year Benchmark		50 CWPM	75 CWPM	100 CWPM	125 CWPM	130 CWPM	150 CWPM	150 CWPM
	Fall Risk Indicator					< 10 correct replacements	< 15 correct replacements	< 20 correct replacements	< 25 correct replacements
	Spring Risk Indicator					< 15 correct replacements	< 20 correct replacements	< 25 correct replacements	< 30 correct replacements
	Typical Growth Rate					0.25 correct per week	0.25 correct per week	0.25 correct per week	0.25 correct per week
MAZE	Projected End-of-Year Benchmark					25 correct replacements	25 correct replacements	25 correct replacements	25 correct replacements
	Fall Risk Indicator								
	Spring Risk Indicator								
	Typical Growth Rate								
	Projected End-of-Year Benchmark								